

Converting Colors

CIELCh(63, 74.524, 344.846)

Have a look what the booklet for
CIELCh(63, 74.524, 344.846)
contains.

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Color

CIELCh(63, 74.508, 344.933)

Conversions

Conversions Part 1

Format	Color
Hex	FE58BD
RGB	254, 88, 189
RGB Percent	100%, 35%, 74%
CMY	0.0053, 0.6562, 0.2601
CMYK	0.00, 0.65, 0.26, 0.01
HSL	323°, 98%, 67%
HSV	323°, 65%, 99%
XYZ	53.3563, 31.5869, 51.2496
YIQ	149.1480, 66.5150, 66.6030

Conversions

Conversions Part 2

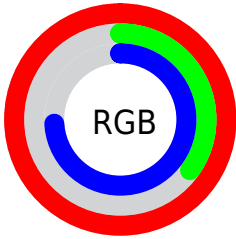
Format	Color
RYB	254, 88, 189
Decimal	16668861
CIELab	63.00, 71.95, -19.37
CIELCh	63, 74.508, 344.933
Yxy	31.5869, 0.3918, 0.2319
Android (android.graphics.Color)	4294858941 (0xFFFE58BD)
YUV	149.1480, 19.6470, 91.9552
Hunter-Lab	56.2022, 71.1074, -14.7237

Details

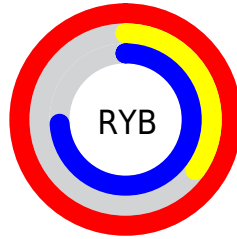
The CIELCh color **63, 74.508, 344.933** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **89, 73.865, 150.796**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 62.771, 329.521**, and **43, 74.617, 344.677** is the 20% darker color. If you saturate the color by 10%, you get **60, 81.382, 346.654**, and if you desaturate by 10%, it is **67, 65.419, 343.508**.

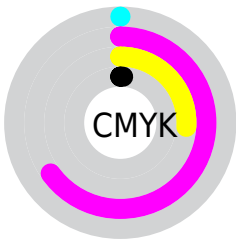
Distribution



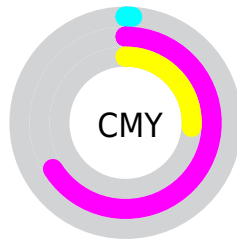
- Red (100%)
- Green (35%)
- Blue (74%)



- Red (100%)
- Yellow (35%)
- Blue (74%)



- Cyan (0%)
- Magenta (65%)
- Yellow (26%)
- Black (1%)





- Cyan (1%)
- Magenta (66%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 74.508, 344.933 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 63, 74.508, 344.933 by changing the saturation by 10% instead.


 63, 74.508,
344.933

 63, 74.508,
344.933


 100, 74.508,
344.933


 53, 74.508,
344.933


 83, 74.508,
344.933

 43, 74.508,
344.933

 93, 74.508,
344.933

 33, 74.508,
344.933

 23, 74.508,
344.933

 13, 74.508,
344.933

 3, 74.508, 344.933

 0, 74.508, 344.933

63, 74.508,
344.933

63, 74.508,
344.933

60, 81.382,
346.654

67, 65.419,
343.508

57, 85.580,
348.781

72, 54.751,
342.293

56, 87.024,
351.441

78, 43.103,
341.229

55, 87.078,
352.811

83, 30.966,
340.276

90, 18.696,
339.405

96, 6.529, 338.570

100, 0.470,
200.786

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



63, 74.508, 344.933



89, 73.865, 150.796

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63, 74.508, 344.933



63, 74.508, 34.933



63, 74.508, 164.933



63, 74.508, 214.933

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



63, 74.504, 344.934



87, 24.394, 339.794



53, 94.558, 309.166



45, 16.665, 340.040



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63, 74.504, 344.934



59, 83.544, 347.362



61, 68.634, 20.988



50, 6.879, 338.913



42, 70.634, 352.237



11, 33.290, 348.347

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



63, 74.504, 344.934



59, 83.544, 347.362



91, 47.037, 184.060



50, 6.879, 338.913



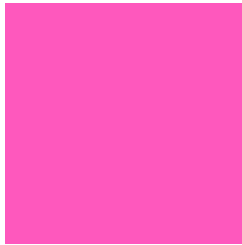
42, 70.634, 352.237



11, 33.290, 348.347

Previews

White Background



This preview shows how the CIELCh color 63, 74.508, 344.933 looks on a white background.

Color Contrast Check

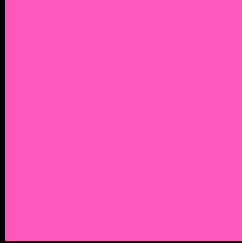
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 63, 74.508, 344.933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 74.508, 344.933

Background



This preview shows how black text looks on a background with the CIELCh color 63, 74.508, 344.933.

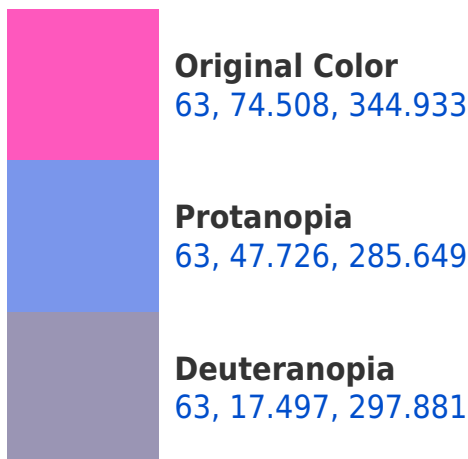


This preview shows how white text looks on a background with the CIELCh color 63, 74.508, 344.933.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
63, 58.977, 23.243

Trichromacy



Original Color
63, 74.508, 344.933



Protanomaly
61, 53.117, 310.297



Deuteranomaly
61, 38.613, 329.548

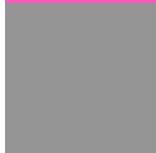


Tritanomaly
63, 60.781, 7.025

Monochromacy



Original Color
63, 74.508, 344.933



Achromatopsia
62, 0.008, 296.813



Achromatomaly
60, 30.330, 341.272

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 74.508, 344.933 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(254, 88, 189)` looks like.

```
.text, #text, p{  
    color:rgb(254, 88, 189)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 88, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 88, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 74.508, 344.933 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 88, 189) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(254, 88, 189) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(254, 88, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 88, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 88, 189); box-shadow:4px 4px 4px 4px rgb(254, 88, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 74.508, 344.933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 88, 189) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254, 88,  
189) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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